

Title (en)

System and method for determining whether a software package conforms to packaging rules and requirements

Title (de)

System und Verfahren zum Feststellen, ob ein Softwarepaket den Regeln und Vorschriften des Packaging entspricht

Title (fr)

Système et méthode pour déterminer si un progiciel se conforme aux règles et revendications d'assemblage

Publication

EP 0707264 A2 19960417 (EN)

Application

EP 95307265 A 19951012

Priority

US 32260494 A 19941013

Abstract (en)

A system and method for auditing software packages in a multi-release environment is provided. The audit system reads one or more external files that specify which packaging rules apply to a particular target software package. The audit system also reads package information files of the target software package. The package information files specify the form and content of the target software package. The audit system analyzes the information contained in the package information files to determine whether the target software package conforms with the specified packaging rules. The packaging rules may include rules relating to conflicts between software packages. Under these circumstances, the audit system retrieves information about the software packages against which the target software package is to be compared before performing the audit. The audit system may compare the target software package against another software package, or against a database which contains information about numerous other packages. The audit system checks the detected packaging rule violations against exceptions specified in the external files. Rule violations that are permitted by the specified exceptions are filtered from the error list. The audit system generates an audit report that indicates which rules, if any, were violated, and the severity level of each rule violation. The audit system may optionally generate exception information to be used in subsequent audit operations based on all or portions of the audit report. If the target software package passes the audit operation, the database may be updated to reflect the target software package. <IMAGE>

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IPC 8 full level

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Cited by

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